

Product datasheet for **RC227605**

ZNF619 (NM_001145093) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF619 (NM_001145093) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF619
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC227605 representing NM_001145093
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCCAGACAGTGTGGTTCCAGGGCTTGGGCAGGAACCTGTTGTTTCAGGAGCCAGTAACCTTTGAGG
 ATGTGGCTGTGTACTTCACCCAGAATGAATGGGCCAGCCTGCACCCTACGCAGAGGGCCCTATACAGGGA
 GGTGATGCTGGAGAATTATGCAAAATGTGACTTCCTTGTGACGATTTCCATTCCCCAAACCAGATCTGATA
 TTCCAGCTGGAGCAAGGAGAAGCAGCATGGGGCCAGATCCCTGGACACTTGCTGGGGGAGAGGCCCTGA
 GAGGCATGTGCACAGGTGGTAAAACCAAGACTGAGAATGAGGAAAAAACTGCACAGCTAAACATTCTAA
 AGAATCAGAGTCCCACAGACTGATAGTGGAGGGACTGCTGATGGACGTTCCCCAGCACCTGACTTCAAG
 GACAGGTTAGAGAAGTCACAGCTACATGATACAGGGAATAAAACAAGATAGGGGATTGCACAGATTGGA
 CAGTCCAGGATCATGAATCTTCCACCACTGAAAGGGAGGAGATAGCCAGGAAATTGGAAGAAAGTAGTGT
 CAGCACACATCTCATTACAAAGCAGGGTTTGGCAAAGAACAGGTGTTTTATAAATGTGGTGAGTGTGGC
 AGTTACTACAACCACATTTCAGACTTTACCTGCATCAGAGAGTTCACACTAATGAGAAGCCCTACACAT
 GCAAAGAATGTGGGAAAACCTTCAGATATAACTCAAACTGTACGGCATCAGAAAATCCACACTGGAGA
 GAAACCATACTCATGTGAGGAATGTGGACAAGCCTTCAGTCAAAATCCCACCTTCTTCAGCATCAGAAG
 CTCCATGGTGGACAGAGGCCCTATGAATGTACTGACTGTGGTAAAACCTTCAGTTATAATTCAAACTGA
 TTCGGCATCAGAGAATCCATACTGGGGAGAAGCCCTTTAAATGTAAGGAATGTGGGAAAGCCTTCAGTTG
 TAGCTATGACTGCATCATCCATGAACGAATTCACAATGGGGAGAAGCCCTATGAATGTAAGGAGTGTGGG
 AAGAGTTTGAGTTCTAATTCAGTTCTGATTGAGCATCAGAGAATCCACTGGGGAGAAACCTTATGAAT
 GTAAAGAGTGTGGCAAGGCCTTCCACCGCAGTTCGGTATTTCTTCAGCACCAGAGGTTCCACACTGGGGA
 ACAACTCTACAAATGTAATGAATGTTGGAAAACCTTCAGCTGTAGCTCCCGCTTCATAGTCATCAGAGA
 ATCCACAATGGGGAGAAACCTATGAATGCCAGGAATGTGGGAAGACATTGAGTCAAAAGATCACTCTGG
 TTCAGCATCAGCGAGTTCACACTGGGGAGAAACCTTATGAGTGTAAAGAGTGCAGGAAAGCCTTCAGATG
 GAATGCAAGTTTCATCCAGCATCAGAAGTGGCATACTAGGAAGAACTCATCAATGGAACAGGGCTATCC
 GCAGTTAAGCCCTACTGTCCCTGCGCCATCCTCTCTCTCTGCTCCCAACATACCTGCTCTGCCCTAG
 CCCCACCAGGGCCTCCCTTATCTTCTTCATGCAGTGGTACTTCTCCCTCTGTGCCTTTCTTCTCTGCT
 GCTTCCCTCATCTGAAAAGGCCAACCTTCACCTGTCCAATAGCACATTTTTTTCAGGATCTCGCTTTT
 CCTGGGAAGTCATCCCTCAGAGCCGAATCCTTTGTCTACTCCCTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC227605 representing NM_001145093
 Red=Cloning site Green=Tags(s)

MLQTVWFQGLGRNLLFQEPVTFEDVAVYFTQNEWASLHPTQRALYREVMLENYANVTSLSAFPFPKPDLI
 FQLEQGEAAWGPDPWTLAGGEALRGMCTGGKTKTENEETAQLNISKESESHRLIVEGLLMDVPQHPDFK
 DRLEKSQLHDTGNKTKIGDCTDLTVQDHESSTTEREEIARKLEESSVSTHLITKQFAKEQVFKCGECG
 SYYNPHSDFHLHQRVHTNEKPYTCKEGKTFRYNSKLSRHQKIHTGEKPYSCEECQAFSQNSHLLQHQQ
 LHGGQRPYECTDCGKTFSYNSKLIRHQRIHTGEKPFKCKEKGAFSCSYDCIIHERIHNGEKPYECKECG
 KSLSSNSVLIQHQRHTGEKPYECKEKGAFHRSSVFLQHQRFHTEQLYKCNCEWKTFCSSRFIVHQR
 IHNGEKPYECQECGKTFQKITLVQHQRVHTGEKPYECKEKGAFRWNASFIHQKQWHTRKKLINGTGLS
 AVKPYPCAILSPLPPQHTCSALAPPGPPLSSSHAVVLPSPVPFFLLPSSEKANPSPVQIAHFFQDLAF
 PGKSSLQSPNPLSHSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001145093

ORF Size: 1728 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001145093.4](#)

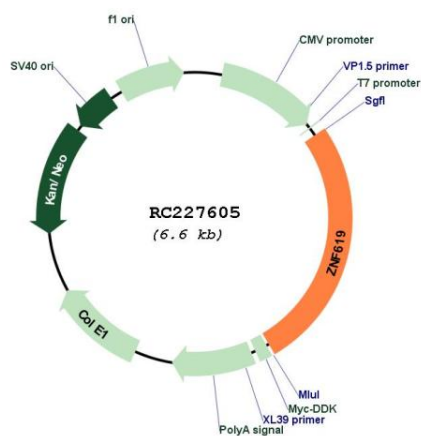
RefSeq ORF: 1731 bp

Locus ID: 285267

UniProt ID: [Q8N2I2](#)

Cytogenetics: 3p22.1
MW: 65.4 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC227605